



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV
345 COURTLAND STREET
ATLANTA, GEORGIA 30365

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MEMORANDUM

DATE: September 21, 1990

FROM: Beth Brown, Remedial Project Manager *EBB*
North Superfund Remedial Branch
Waste Management Division

TO: Chief
Applications and Assistance Branch
RSKERL

SUBJECT: Request for Assistance

This purpose of this memo is to formally request technical assistance in the review of the Carrier Air Conditioning Site (Site) Remedial Investigation (RI) Report and the Feasibility Study (FS) Report.

The RI Report is due October 14, 1990. I have discussed the project with Candida West and the fact that we would like her assistance in reviewing the RI to determine if additional information for the RI will need to be collected to delineate the ground-water contamination plume. We also need assistance in reviewing the FS to determine if the proposed remedial alternatives are the most appropriate alternatives for addressing the problems existing at the site. We would need a response within three weeks from the date that you receive the RI report. Should you receive the report October 16, 1990, as anticipated, your comments would then be due November 6, 1990. The FS report is due to EPA in late February, but the date is dependent upon the timeframe in which the RI report is finalized.

Site Background

The Site consists of approximately 145 acres and is located in Collierville, Shelby County, Tennessee. Carrier Corporation (Carrier) has operated an industrial facility on-site since 1967 for the production of residential air conditioners and heat pumps.

The State of Tennessee, the Tennessee Department of Health and Environment (TDHE) under contract to U.S. EPA, issued a Site Inspection Report (SIR) on September 15, 1986. The investigation showed trichloroethylene (TCE) in groundwater monitoring wells



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on-site and the Collierville City water supply wells located at the edge of the property. Three possible sources of the TCE contamination on-site have been identified: a waste lagoon used by Carrier, a TCE spill from a solvent degreaser in 1979, and a TCE leak in 1985 from pipes connecting a TCE storage tank to TCE degreasers. The SIR was the basis for the U.S. EPA's ranking the Site, using the EPA hazard ranking system (HRS).

Carrier entered into an Administrative Consent Order with EPA on September 29, 1989 to conduct an RI/FS. On December 15, 1989, the Work Plan was approved.

As part of the background information, I have enclosed the Phase I Report of the RI. In summary, the report showed that site constituents are TCE and its degradation product, 1,2-dichloroethylene. No semi-volatiles or pesticides were detected. Metals were detected, but the data was inconclusive due to the absence of background data. For those reasons, Phase II analyses included TCL volatile organic compounds and TAL metals and did not include pesticides, semi-volatiles, or PCBs.

Your assistance in this matter would be greatly appreciated. Should you have any questions, please contact me at FTS 257-7791 or 404/347-7791.

Thank you.

Enclosure